

(A) MEDIUM TYPE: DISKETTE 3.5 INCH, 1.44 MB FOR FORMATTED
(B) COMPUTER: IBM PC COMPATIBLE
(C) OPERATING SYSTEM: DOS
(D) SOFTWARE: WORDPERFECT 5.1

(vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: 08/634,332
(B) FILING DATE: 12 APRIL 1996
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: NONE
(B) FILING DATE: NONE

(viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: THEODORE J. BIELEN, JR.
(B) REGISTRATION NUMBER: 27,420
(C) REFERENCE/DOCKET NUMBER: 12280

(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (510) 937-1515
(B) TELEFAX: (510) 937-1529

(2) INFORMATION FOR SEQ ID NO: 1:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (25-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Asn	Asn	Asn	Val	Glu	Lys	Ala	Pro	Cys	Ala	Thr	Ser	Ser
Pro	Val	Thr	Gln	Asp								
				5								
												10

15

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:
(A) NAME/KEY: MOUSE iNOS (25-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Asn Asn Asn Val Lys Lys Thr Pro Cys Ala Val Leu Ser
5 10
Pro Thr Ile Gln Asp
15

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: RAT iNOS (25-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Asn Asn Asn Val Glu Lys Thr Pro Gly Ala Ile Pro Ser
5 10
Pro Thr Thr Gln Asp
15

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (37-54)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10
Ser Lys Gln Gln Asn
15

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (781-798)

(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5
Gly Pro Thr Pro His
15

(i) (2) INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: MOUSE iNOS (776-792)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

Xxx Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5
Cys Pro Thr Pro His
15

(i) (2) INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: RAT iNOS (780-794)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

Xxx Xxx Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5
Cys Ser Ser Pro Xxx
15

(i) (2) INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18

459

(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (985-1002)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
His Asp Ser Gln His
15

(2) INFORMATION FOR SEQ ID NO: 9:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: MOUSE iNOS (978-995)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
His Asp Ser Gln His
15

(2) INFORMATION FOR SEQ ID NO: 10:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: RAT iNOS (982-998)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
His Asp Ser Gln His
15

(2) INFORMATION FOR SEQ ID NO: 11:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN nNOS (1256-1273)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

Gly	Ile	Ala	Pro	Phe	Arg	Ser	Phe	Trp	Gln	Gln	Arg	Gln
				5					10			
Phe	Asp	Ile	Gln	His								
				15								

(2) INFORMATION FOR SEQ ID NO: 12:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN eNOS (1017-1031)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

Gly	Ile	Ala	Pro	Phe	Arg	Gly	Phe	Trp	Gln	Glu	Arg	Leu
				5					10			
His	Asp	Xxx	Xxx	Xxx								
				15								

(2) INFORMATION FOR SEQ ID NO: 13:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: BOVINE eNOS (1019-1033)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

Gly Ile Ala Pro Phe Arg Gly Phe Trp Gln Glu Arg Leu
His Asp Xxx Xxx Xxx 5 10
15

(2) INFORMATION FOR SEQ ID NO: 14:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (1009-1026)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

Arg Met Thr Leu Val Phe Gly Cys Arg Arg Pro Asp Glu
Asp His Ile Tyr Gln 5 10
15

(2) INFORMATION FOR SEQ ID NO: 15:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

MOLECULE TYPE: PEPTIDE

(ix) FEATURE:
(A) NAME/KEY: RAT iNOS (1006-1023)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:

Arg Met Thr Leu Val Phe Gly Cys Arg His Pro Glu Glu
Asp His Leu Tyr Gln 5 10
15

(2) INFORMATION FOR SEQ ID NO: 16:

(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:
(A) NAME/KEY: MOUSE iNOS (1002-1019)

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(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:

Arg	Met	Ser	Leu	Val	Phe	Gly	Cys	Arg	His	Pro	Glu	Glu
				5							10	
Asp	His	Leu	Tyr	Gln								
				15								

(i) (2) INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 16
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: hnNOS [2-16, Cys¹⁷]
(B) LOCATION: HUMAN nNOS: AMINO TERMINAL
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:

Glu	Asp	His	Met	Phe	Gly	Val	Gln	Gln	Ile	Gln	Pro	Asn
				5							10	
Val	Ile	Cys										
		15										

(i) (2) INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 24
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: hnNOS [Cys¹⁴-1411-1433]
(B) LOCATION: HUMAN nNOS: CARBOXYL TERMINAL
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:

Cys	Arg	Leu	Arg	Ser	Glu	Ser	Ile	Ala	Phe	Ile	Glu	Glu
				5							10	
Ser	Lys	Lys	Asp	Thr	Asp	Glu	Val	Phe	Ser	Ser		
			15			20						

(i) (2) INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 20

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(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: hINOS [2-21, Ser²]
(B) LOCATION: HUMAN iNOS: AMINO TERMINAL
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:

Ala	Ser	Pro	Trp	Lys	Phe	Leu	Phe	Lys	Thr	Lys	Phe	His
				5						10		
Gln	Tyr	Ala	Met	Asn	Gly	Glu						
					20							

(i) (2) INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: hINOS [Cys¹¹³⁶-1137-1153]
(B) LOCATION: HUMAN iNOS: CARBOXYL TERMINAL
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:

Cys	Lys	Lys	Asp	Arg	Val	Ala	Val	Gln	Pro	Ser	Ser	Leu
				5						10		
Glu	Met	Ser	Ala	Leu								
				15								

(i) (2) INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: heNOS [Cap-2-12, Cys¹³]
(B) LOCATION: HUMAN eNOS: AMINO TERMINAL WITH CAPROIC ACID ATTACHED
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:

Cap-Gly	Asn	Leu	Lys	Ser	Val	Ala	Gln	Glu	Pro	Gly	Cys
				5						10	

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(2) INFORMATION FOR SEQ ID NO: 22:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: heNOS [2-12, Cys¹³]

(B) LOCATION: HUMAN eNOS: AMINO TERMINAL WITHOUT CAPROIC ACID ATTACHED

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:

Gly	Asn	Leu	Lys	Ser	Val	Ala	Gln	Glu	Pro	Gly	Cys
				5						10	

(2) INFORMATION FOR SEQ ID NO: 23:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 23

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

MOLECULE TYPE: PEPTIDE

FEATURE:

(A) NAME/KEY: heNOS [Cys¹¹⁸¹-1182-1203]

(B) LOCATION: HUMAN eNOS: CARBOXYL TERMINAL

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:

Cys	Glu	Arg	Gln	Leu	Arg	Glu	Ala	Val	Pro	Trp	Ala	Phe
				5						10		
Asp	Pro	Pro	Gly	Ser	Asp	Thr	Asn	Ser	Pro			
					Asp	20						

(2) INFORMATION FOR SEQ ID NO: 24:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 18

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: hiNOS [985-1002]

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
5 10
His Asp Ser Gln His
15

(2) INFORMATION FOR SEQ ID NO: 25:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: hiNOS [985-1002]
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
5 10
His Asp Ser Gln His
15

(2) INFORMATION FOR SEQ ID NO: 26:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: hiNOS [37-54]
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 26:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10
Ser Lys Gln Gln Asn
15

(2) INFORMATION FOR SEQ ID NO: 27:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: hiNOS [781-798]

21
66

(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 27:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5
Gly Pro Thr Pro His
10
15

(2) INFORMATION FOR SEQ ID NO: 28:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: hINOS [25-42]
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 28:

Asn Asn Asn Val Glu Lys Ala Pro Ser Ala Thr Ser Ser
5
Pro Val Thr Gln Asp
10
15

(2) INFORMATION FOR SEQ ID NO: 29:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: hINOS [37-54]
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 29:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5
Ser Lys Gln Gln Asn
10
15

(2) INFORMATION FOR SEQ ID NO: 30:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18

(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: hINOS [781-798]
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 30:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5 10
Gly Pro Thr Pro His
15

(i) (2) INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: hINOS [1009-1026]
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 31:

Arg Met Thr Leu Val Phe Gly Ser Arg Arg Pro Asp Glu
5 10
Asp His Ile Tyr Gln
15

(i) (2) INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: (A3) LOCUS HUMAN iNOS (25-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 32:

Asn Asn Asn Val Glu Lys Ala Pro Ser Ala Thr Ser Ser
5 10
Pro Val Thr Gln Asp-amide
15

(i) (2) INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: MOUSE iNOS (25-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 33:

Asn	Asn	Asn	Val	Lys	Lys	Thr	Pro	Ser	Ala	Val	Leu	Ser	
				5						10			
Pro	Thr	Ile	Gln	Asp-amide									
												15	

(i) (2) INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: RAT iNOS (25-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 34:

Asn	Asn	Asn	Val	Glu	Lys	Thr	Pro	Gly	Ala	Ile	Pro	Ser	
				5						10			
Pro	Thr	Thr	Gln	Asp-amide									
												15	

(i) (2) INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 15
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (28-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 35:

14
69

Val Glu Lys Ala Pro Ser Ala Thr Ser Ser Pro Val Thr
5 10
Gln Asp-amide
15

(2) INFORMATION FOR SEQ ID NO: 36:
(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (31-42)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 36:

Ala Pro Ser Ala Thr Ser Ser Pro Val Thr Gln Asp-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 37:
(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (34-42)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 37:

Ala Thr Ser Ser Pro Val Thr Gln Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 38:
(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (37-42)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 38:

Ser Pro Val Thr Gln Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 39:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 15
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (25-39)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 39:

Asn Asn Asn Val Glu Lys Ala Pro Ser Ala Thr Ser Ser
5 10
Pro Val-amide
15

(2) INFORMATION FOR SEQ ID NO: 40:

SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

MOLECULE TYPE: PEPTIDE

FEATURE:

- (A) NAME/KEY: HUMAN iNOS (25-36)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 40:

Asn Asn Asn Val Glu Lys Ala Pro Ser Ala Thr Ser-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 41:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (25-33)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

10
7/

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 41:

Asn Asn Asn Val Glu Lys Ala Pro Ser-amide
5

(2) INFORMATION FOR SEQ ID NO: 42:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (25-30)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 42:

Asn Asn Asn Val Glu Lys-amide
5

(2) INFORMATION FOR SEQ ID NO: 43:

SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: (A4) LOCUS HUMAN iNOS (37-54)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 43:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10

Ser Lys Gln Gln Asn-amide
15

(2) INFORMATION FOR SEQ ID NO: 44:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 15
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (40-54)
- (B) LOCATION:

17 72

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 44:

Thr Gln Asp Asp Leu Gln Tyr His Asn Leu Ser Lys Gln
5 10
Gln Asn-amide
15

(2) INFORMATION FOR SEQ ID NO: 45:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (43-54)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 45:

Asp Leu Gln Tyr His Asn Leu Ser Lys Gln Gln Asn-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 46:

SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (46-54)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 46:

Tyr His Asn Leu Ser Lys Gln Gln Asn-amide
5

(2) INFORMATION FOR SEQ ID NO: 47:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (49-54)

(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 47:

Leu Ser Lys Gln Gln Asn-amide
5

(2) INFORMATION FOR SEQ ID NO: 48:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 15
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (37-51)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 48:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10
Ser Lys-amide
15

(2) INFORMATION FOR SEQ ID NO: 49:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (37-48)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 49:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 50:
(i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 9
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:

25-74

(A) NAME/KEY: HUMAN iNOS (37-45)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 50:

Ser Pro Val Thr Gln Asp Asp Leu Gln-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 51:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 6
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (37-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 51:

Ser Pro Val Thr Gln Asp-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: (F6) LOCUS HUMAN iNOS (781-798)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 52:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5 10
Gly Pro Thr Pro His-amide
15

(i) (2) INFORMATION FOR SEQ ID NO: 53:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 19
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE

20-
75-

(ix) FEATURE:

- (A) NAME/KEY: HUMAN eNOS (806-824)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 53:

Pro	Gly	Leu	Val	Glu	Ala	Leu	Leu	Ser	Arg	Val	Glu	Asp	
				5							10		
Pro	Pro	Ala	Pro	Thr	Glu-amide								
												15	

(2) INFORMATION FOR SEQ ID NO: 54:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 15
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

MOLECULE TYPE: PEPTIDE

FEATURE:

- (A) NAME/KEY: HUMAN iNOS (784-798)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

SEQUENCE DESCRIPTION: SEQ ID NO: 54:

Val	Gln	Gly	Ile	Leu	Glu	Arg	Val	Val	Asp	Gly	Pro	Thr
				5							10	
Pro	His-amide											
										15		

(2) INFORMATION FOR SEQ ID NO: 55:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

MOLECULE TYPE: PEPTIDE

FEATURE:

- (A) NAME/KEY: HUMAN iNOS (787-798)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 55:

Ile	Leu	Glu	Arg	Val	Val	Asp	Gly	Pro	Thr	Pro	His-amide
				5						10	

(2) INFORMATION FOR SEQ ID NO: 56:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9

24 26

(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (790-798)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 56:

Arg Val Val Asp Gly Pro Thr Pro His-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 57:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 6
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (793-798)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 57:

Asp Gly Pro Thr Pro His-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 58:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 14
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (781-794)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 58:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val Asp
5 10
Gly-amide

(i) (2) INFORMATION FOR SEQ ID NO: 59:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12

22-7
A7

(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (781-792)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 59:

Pro Ala Leu Val Gln Gly Ile Leu Glu Arg Val Val-amide
5 10

(i) (2) INFORMATION FOR SEQ ID NO: 60:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 9
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (781-789)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 60:

Pro Ala Leu Val Gln Gly Ile Leu Glu-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 6
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (781-786)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 61:

Pro Ala Leu Val Gln Gly-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 62:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID

22-78

(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: (G11) LOCUS HUMAN iNOS (985-1002)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 62:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
5 10
His Asp Ser Gln His-amide
15

(i) (2) INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN nNOS (1256-1273)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 63:

Gly Ile Ala Pro Phe Arg Ser Phe Trp Gln Gln Arg Gln
5 10
Phe Asp Ile Gln His-amide
15

(i) (2) INFORMATION FOR SEQ ID NO: 64:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 15
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN eNOS (1017-1031)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 64:

Gly Ile Ala Pro Phe Arg Gly Phe Trp Gln Glu Arg Leu
5 10
His Asp-amide
15

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(2) INFORMATION FOR SEQ ID NO: 65:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (988-1002)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 65:

Pro	Phe	Arg	Ser	Phe	Trp	Gln	Gln	Arg	Leu	His	Asp	Ser
				5						10		
Gln		His-amide										
				15								

(2) INFORMATION FOR SEQ ID NO: 66:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (991-1002)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 66:

Ser	Phe	Trp	Gln	Gln	Arg	Leu	His	Asp	Ser	Gln	His-amide
				5					10		

(2) INFORMATION FOR SEQ ID NO: 67:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (994-1002)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 67:

Gln	Gln	Arg	Leu	His	Asp	Ser	Gln	His-amide
				5				

(i) (2) INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 5
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (997-1002)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 68:

His Asp Ser Gln His-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 15
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (985-998)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 69:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg Leu
5 10
His Asp-amide
15

(i) (2) INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (985-996)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 70:

Gly Ile Val Pro Phe Arg Ser Phe Trp Gln Gln Arg-amide
5 10

(i) (2) INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 9
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (985-993)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 71:

Gly Ile Val Pro Phe Arg Ser Phe Trp-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 6
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
MOLECULE TYPE: PEPTIDE
FEATURE:
(A) NAME/KEY: HUMAN iNOS (985-990)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 72:

Gly Ile Val Pro Phe Arg-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: (H1) LOCUS HUMAN iNOS (1009-1026)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 73:

Arg Met Thr Leu Val Phe Gly Ser Arg Arg Pro Asp Glu
5 10
Asp His Ile Tyr Gln-amide
15

27 82

Leu Val Phe Gly Ser Arg Arg Pro Asp Glu Asp His Ile
5
Tyr Gln-amide 10
15

(i) (2) INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (1015-1026)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 77:

Gly Ser Arg Arg Pro Asp Glu Asp His Ile Tyr Gln-amide
5 10

(i) (2) INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (1018-1026)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 78:

Arg Pro Asp Glu Asp His Ile Tyr Gln-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (1021-1026)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

29 84

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 79:

Glu Asp His Ile Tyr Gln-amide
5

(2) INFORMATION FOR SEQ ID NO: 80:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 15
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (1009-1023)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 80:

Arg Met Thr Leu Val Phe Gly Ser Arg Arg Pro Asp Glu
Asp His-amide
5 10
15

(2) INFORMATION FOR SEQ ID NO: 81:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 11
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (1009-1020)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 81:

Arg Met Thr Leu Val Phe Gly Ser Arg Arg Pro-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 82:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (1009-1017)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

20
85

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 82:

Arg Met Thr Leu Val Phe Gly Ser Arg-amide
5

(2) INFORMATION FOR SEQ ID NO: 83:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (1009-1014)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 83:

Arg Met Thr Leu Val Phe-amide
5

(2) INFORMATION FOR SEQ ID NO: 84:

SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: TRUNCATED HUMAN iNOS (40-54)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 84:

Thr Gln Asp Asp Leu Gln Tyr His Asn Leu Ser Lys
5 10

(2) INFORMATION FOR SEQ ID NO: 85:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: TRUNCATED HUMAN iNOS (784-798)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 85:

Val Gln Gly Ile Leu Glu Arg Val Val
5

(2) INFORMATION FOR SEQ ID NO: 86:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (37-54)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 86:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10
Ser Lys Gln Gln Asn-amide
15

(2) INFORMATION FOR SEQ ID NO: 87:

SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 5
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (41-45)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 87:

Gln Asp Asp Leu Gln-amide
5

(2) INFORMATION FOR SEQ ID NO: 88:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (40-45)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

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(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 88:

Thr Gln Asp Asp Leu Gln-amide
5

(2) INFORMATION FOR SEQ ID NO: 89:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 7
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (39-45)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 89:

Val Thr Gln Asp Asp Leu Gln-amide
5

(2) INFORMATION FOR SEQ ID NO: 90:

SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (38-45)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 90:

Pro Val Thr Gln Asp Asp Leu Gln-amide
5

(2) INFORMATION FOR SEQ ID NO: 91:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (37-45)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 91:

Ser Pro Val Thr Gln Asp Asp Leu Gln-amide
5

(2) INFORMATION FOR SEQ ID NO: 92:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 5
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (40-44)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 92:

Thr Gln Asp Asp Leu-amide
5

(2) INFORMATION FOR SEQ ID NO: 93:

SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

MOLECULE TYPE: PEPTIDE

FEATURE:

- (A) NAME/KEY: HUMAN iNOS (39-44)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 93:

Val Thr Gln Asp Asp Leu-amide
5

(2) INFORMATION FOR SEQ ID NO: 94:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 7
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (38-44)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 94:

Pro Val Thr Gln Asp Asp Leu-amide
5

(2) INFORMATION FOR SEQ ID NO: 95:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (37-44)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 95:

Ser Pro Val Thr Gln Asp Asp Leu-amide
5

(2) INFORMATION FOR SEQ ID NO: 96:

SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

MOLECULE TYPE: PEPTIDE

FEATURE:

- (A) NAME/KEY: HUMAN iNOS (36-44)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 96:

Ser Ser Pro Val Thr Gln Asp Asp Leu-amide
5

(2) INFORMATION FOR SEQ ID NO: 97:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 5
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (39-43)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

90

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 97:

Val Thr Gln Asp Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 98:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (38-43)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 98:

Pro Val Thr Gln Asp Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 99:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 7
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (37-43)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 99:

Ser Pro Val Thr Gln Asp Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 100:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (36-43)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 100:

Ser Ser Pro Val Thr Gln Asp Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 101:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (35-43)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 101:

Thr Ser Ser Pro Val Thr Gln Asp Asp-amide
5

(2) INFORMATION FOR SEQ ID NO: 102:

SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 18
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

MOLECULE TYPE: PEPTIDE

FEATURE:

- (A) NAME/KEY: HUMAN iNOS (37-54)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 102:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10

Ser Lys Gln Gln Asn-amide
15

(2) INFORMATION FOR SEQ ID NO: 103:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 15
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (40-54)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

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(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 103:

Thr Gln Asp Asp Leu Gln Tyr His Asn Leu Ser Lys Gln
Gln Asn-amide 5 10
15

(2) INFORMATION FOR SEQ ID NO: 104:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

MOLECULE TYPE: PEPTIDE

(ii) FEATURE:

(A) NAME/KEY: HUMAN iNOS (43-54)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 104:

Asp Leu Gln Tyr His Asn Leu Ser Lys Gln Gln Asn-amide
5 10

(2) INFORMATION FOR SEQ ID NO: 105:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

MOLECULE TYPE: PEPTIDE

(ii) FEATURE:

(A) NAME/KEY: HUMAN iNOS (46-54)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 105:

Tyr His Asn Leu Ser Lys Gln Gln Asn-amide
5

(2) INFORMATION FOR SEQ ID NO: 106:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

MOLECULE TYPE: PEPTIDE

(ii) FEATURE:

(A) NAME/KEY: HUMAN iNOS (49-54)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 106:

Leu Ser Lys Gln Gln Asn-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 107:
SEQUENCE CHARACTERISTICS:

(A) LENGTH: 15
(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-51)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 107:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn Leu
5 10
Ser Lys-amide
15

(i) (2) INFORMATION FOR SEQ ID NO: 108:
SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12
(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-48)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 108:

Ser Pro Val Thr Gln Asp Asp Leu Gln Tyr His Asn-amide
5 10

(i) (2) INFORMATION FOR SEQ ID NO: 109:
SEQUENCE CHARACTERISTICS:

(A) LENGTH: 9
(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (37-45)

-39- 94

(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 109:

Ser Pro Val Thr Gln Asp Asp Leu Gln-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 6
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
MOLECULE TYPE: PEPTIDE
FEATURE:
(A) NAME/KEY: HUMAN iNOS (37-42)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 110:

Ser Pro Val Thr Gln Asp-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 111:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 10
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (35-44)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 111:

Thr Ser Ser Pro Val Thr Gln Asp Asp Leu-amide
5 10

(i) (2) INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 18
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (781-798)
(B) LOCATION:

4095

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 112:

Pro	Ala	Leu	Val	Gln	Gly	Ile	Leu	Glu	Arg	Val	Val	Asp
				5					10			
Gly	Pro	Thr	Pro	His-amide								
				15								

(2) INFORMATION FOR SEQ ID NO: 113:

SEQUENCE CHARACTERISTICS:

(A) LENGTH: 5

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (788-792)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 113:

Leu	Glu	Arg	Val	Val-amide
		5		

(2) INFORMATION FOR SEQ ID NO: 114:

SEQUENCE CHARACTERISTICS:

(A) LENGTH: 6

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (787-792)

(B) LOCATION:

(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 114:

Ile	Leu	Glu	Arg	Val	Val-amide
		5			

(2) INFORMATION FOR SEQ ID NO: 115:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 7

(B) TYPE: AMINO ACID

(D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

(A) NAME/KEY: HUMAN iNOS (786-792)

41
96

(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 115:

Gly Ile Leu Glu Arg Val Val-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 116:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 8
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (785-792)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 116:

Gln Gly Ile Leu Glu Arg Val Val-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 117:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 9
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (784-792)
(B) LOCATION:
(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:
(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 117:

Val Gln Gly Ile Leu Glu Arg Val Val-amide
5

(i) (2) INFORMATION FOR SEQ ID NO: 118:
SEQUENCE CHARACTERISTICS:
(A) LENGTH: 5
(B) TYPE: AMINO ACID
(D) TOPOLOGY: LINEAR
(ii) MOLECULE TYPE: PEPTIDE
(ix) FEATURE:
(A) NAME/KEY: HUMAN iNOS (787-791)
(B) LOCATION:

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(C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 118:

Ile Leu Glu Arg Val-amide
5

(2) INFORMATION FOR SEQ ID NO: 119:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (786-791)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 119:

Gly Ile Leu Glu Arg Val-amide
5

(2) INFORMATION FOR SEQ ID NO: 120:

SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 7
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

MOLECULE TYPE: PEPTIDE

FEATURE:

- (A) NAME/KEY: HUMAN iNOS (785-791)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 120:

Gln Gly Ile Leu Glu Arg Val-amide
5

(2) INFORMATION FOR SEQ ID NO: 121:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (784-791)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS

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(D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 121:

Val Gln Gly Ile Leu Glu Arg Val-amide
5

(2) INFORMATION FOR SEQ ID NO: 122:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (783-791)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 122:

Leu Val Gln Gly Ile Leu Glu Arg Val-amide
5

(2) INFORMATION FOR SEQ ID NO: 123:

SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 5
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (786-790)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 123:

Gly Ile Leu Glu Arg-amide
5

(2) INFORMATION FOR SEQ ID NO: 124:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 6
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (785-790)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 124:

Gln Gly Ile Leu Glu Arg-amide
5

(2) INFORMATION FOR SEQ ID NO: 125:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 7
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (784-790)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 125:

Val Gln Gly Ile Leu Glu Arg-amide
5

(2) INFORMATION FOR SEQ ID NO: 126:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8
- (B) TYPE: AMINO ACID
- (D) TOPOLOGY: LINEAR

(ii) MOLECULE TYPE: PEPTIDE

(ix) FEATURE:

- (A) NAME/KEY: HUMAN iNOS (783-790)
- (B) LOCATION:
- (C) IDENTIFICATION METHOD: AMINO ACID ANALYSIS
- (D) OTHER INFORMATION:

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 126:

Leu Val Gln Gly Ile Leu Glu Arg-amide
5

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